

# BCR SERIES

PORTABLE • ADVANCED BIOMETRIC CARD READERS



[www.pradotec-global.com](http://www.pradotec-global.com)



# BCR 200BT / BCR 250BT

## Moving Beyond Mobility

BCR200BT, the first of its kind Bluetooth enabled Biometric Card Reader engineered to pair with most Bluetooth enabled mobile and desktop platforms. It is compatible with Android, Blackberry, Symbian, Windows Mobile and CE.

Incorporated with built-in contact card reader and advanced biometric scanner, the BCR200BT stands out as the most ideal portable biometric card reader in the industry.

## KEY FEATURES

 **Contact Card Reader/  
Contactless Card Reader**

 **Fingerprint Sensor**



Law  
Enforcement



Worker  
Management



Education



# BCR 200DTP

## Modern, User Friendly & Ergonomic

BCR200DTP is an advanced biometric smart card reader that is ideal for identity verification and authentication. Its modern design structure enables the end user to experience easy and ergonomic operation.

The BCR200DTP is also featured with a high performance biometric scanner that has the capabilities to support One-to-one or One-to-many match verification templates.

## KEY FEATURES

 **Contact Card Reader**

 **Fingerprint Sensor**



Banking  
And Finance



Government



Health  
Management



# BCR 300C

## Innovative & Versatile

BCR300C is a unique 3-in-1 reader integrated with biometric, contact and contactless card features that provides a complete solution for security, enrolment, authentication and card issuance.

The BCR300C is a very versatile biometric smart card reader as smart card and biometric authentications can be processed via a simple USB connection to the host device.

## KEY FEATURES

 **Contactless Card Reader**

 **Contact Card Reader**

 **Fingerprint Sensor**



Banking  
And Finance



Worker  
Management



Government



# SPECIFICATIONS

## Fingerprint Sensor

**Sensor**

**Resolution**

**Active Area (LxW)(mm)**

**Templates**

**Supported Standard**

**Format**

**Storage Capacity**

**Fingerprint Search**

**Fingerprint Verification Time**

**Fingerprint Identification Time**

## BCR 200/250BT

## BCR 200DTP

## BCR 300C

Optical biometric scanner

500 dpi @ 8-bit per Pixel

14 x 22

Sagem

ISO19794-2

ANSI 378

RAW/Bitmap

WSQ (Optional)

Up to 1000 Templates

1:1 & 1:N

< 0.8 sec

< 1sec

## Contact Card Reader

**Standard**

**Card Slot**

**Communication**

**Card Type**

## BCR 200BT

## BCR 200DTP

## BCR 300C

ISO/IEC 7816, Part1,2,3

ID1 Card Slot (x1)

ID0 SAM Slot (x1)

ID0 SAM Slot (x2)

10.75 kbps up to 129 kbps

Class A,B,C

Class A & B

## Contactless Card Reader

**Standard**

**Card Transmission Rate**

**Card Reading Distance**

## BCR 250BT

## BCR 200DTP

## BCR 300C

ISO 14443 A/B Part  
1, 2, 3, 4 MIFARE™

13.40 kbps up to 430kbps

Up to 2cm  
(Card Type Dependent)

ISO 14443 A/B Part  
1, 2, 3, 4 MIFARE™

13.40 kbps up to 430kbps

Up to 2cm  
(Card Type Dependent)

## Electrical & Interfaces

**Power**

**Current ( Standby )**

**Interface**

**Status Indicator**

**Buzzer**

**Supported Operating System**

**Mobile Operating System  
Compatibility**

**Smart Card Programming**

## Mechanical & Environment

**Operating Temperature**

**Humidity**

**Dimension (LxWxH) (mm)**

**Weight (g)**

## BCR 200/250BT

## BCR 200DTP

## BCR 300C

USB bus-powered

Power Adapter

Built-in Rechargeable Battery

60mA / 160mA

Bluetooth Ver 2.1 + EDR

USB 2.0

2 LEDs

Built-in

Windows® 7/ 8/ Vista/ XP

Windows® CE, Windows®  
Mobile, Android,  
Apple IOS (Optional)

Windows® CE, Windows® Mobile

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VB.NET, C#.NET, C/C++, VB6, Java, Delphi

## BCR 200/250BT

## BCR 200DTP

## BCR 300C

0°C to 50°C

-10°C to +50°C

108 x 58 x 30/108 x 58 x 35

5% to 90% RH, (Non-Condensing)

108 x 58 x 30

115/130

108 x 58 x 30

83

140 x 95 x 52

195

